

Work Order ID 58607

May 12, 2010 10:30:03 AM

Ship 26/05



Page 1

Item ID: D412-630-032

Accept



Setup Start



Revision ID:

Stop



Item Name: Pilot/Co-Pilot Step, RH (Folding)

Start Date: 12/05/2010 Start Qty: 4.00



Cust Item ID:

Required Date: 18/05/2010 Req'd Qty: 4.00



Customer:

Reference:

Approvals:

Process Plan:

[Signature]

Date: 10/5/12

Tooling:

Date:

Run Start



QC:

Date:

SPC (Y/N):

Date:

Stop



Sequence ID/
Work Center ID

Operation
Description

Set Up/
Run Hours

Draw
Number

Draw
Rev.

Plan
Code

Accept
Qty

Reject
Qty

Reject
Number

Insp.
Stamp

Draw Nbr

Revision Nbr

IIN D412-630

Rev M

100

0.00



DOCUMENT CONTROL

DC

Memo

0.00

Document Control

Photocopy D412-630 bluefile & type labels per PPP412-630-032 CHG003

8/10/12/09

[Signature] for BG 10/05/27

Pto →

110

0.00



Small Fab

Small Fab

Memo

0.00

Small Fab

Assemble as per dwg D412-630 p.17

****ensure tension to retract step is 11 to 18 lbs before installing lockwire.****

A/R MS20995C41 batch: 1101537

[Signature] 10/05/27

120

QC5- Inspect part completeness to step on W/O

0.00



QC

Memo

0.00

Quality Control

****ensure tension to retract step is 11 to 18 lbs ****
Test fit on aircraft in Eng. lab.

8/10/12/09

[Signature]

W/O: 58607		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
10/5/07	#100	ADD Route numbers for Picking kits.	<i>[Signature]</i>	10/5/07			<i>[Signature]</i> 10/5/07

Part No: D412-630-032 PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Work Order ID 58607

Page 2

May 12, 2010 10:30:03 AM

Item ID: D412-630-032

Accept



Setup Start



Revision ID:

Stop



Item Name: Pilot/Co-Pilot Step, RH (Folding)

Start Date: 12/05/2010 Start Qty: 4.00



Cust Item ID:

Required Date: 18/05/2010 Req'd Qty: 4.00



Customer:

Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

Run Start



QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop



Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Draw Number	Draw Rev.	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	----------------	--------------	--------------	---------------	---------------	------------------	----------------

130

Pick Kit

0.00



Packaging

Memo

0.00

Packaging

6/10/20 (4)

140

QC4- 100% Inspect kits for completeness

0.00



QC

Memo

0.00

Quality Control

8/10/20

70

150

Packaging

0.00



Packaging

Memo

0.00

Packaging

Identify and pack for shipping as per PPP D412-630-032

Location: _____

PPP Rev: C

6/10/20 (4)

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Work Order ID 58607

Page 3

May 12, 2010 10:30:03 AM

Item ID: D412-630-032

Accept



Setup Start



Revision ID:

Stop



Item Name: Pilot/Co-Pilot Step, RH (Folding)

Start Date: 12/05/2010 Start Qty: 4.00



Cust Item ID:

Required Date: 18/05/2010 Req'd Qty: 4.00



Customer:

Reference:

Approvals:

Process Plan: _____

Date: _____

Tooling: _____

Date: _____

Run Start



QC: _____

Date: _____

SPC (Y/N): _____

Date: _____

Stop

Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run HoursDraw
NumberDraw
Rev.Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

160

QC21- Final Inspection - Work Order Release

0.00



QC

Memo

0.00

Quality Control

10/05/28/10

MF

10-5-28-

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

May 12, 2010 10:30:09 AM

Page 1

Work Order ID: 58607

Parent Item: D412-630-032

Parent Item Name: Pilot/Co-Pilot Step, RH (Folding)

Start Date: 12/05/2010

Required Date: 18/05/2010

Comments: IPP REV. A 05.11.21 NEW ISSUE EC
IPP REV. B 05.12.19 updated pick list EC
IPP REV. C 07.11.12 ecn 1019, nochg EC verifiedby:DD

Start Qty: 4.00

Required Qty: 4.00

P10 →

Component Item ID/	Replacement	Mfg/	Bin	Primary	Last	Route	Unit of	Qty on	Qty per Kit	Qty	Date	Status
Pick AN310-4 x1 NUT		Purchased	No			[130]	Each	58.0000	2			

Location	Loc Qty	Loc Code
ST139	30	
114341	30	
ST314	8	
113845	8	
ST349	20	
114341	20	
	Each	58.0000

AN310-4 small (10)
NUT

#110

Pick AN310-5 x2
NUT

[130]

Location	Loc Qty	Loc Code
ST139	30	
114341	30	
ST314	8	
113845	8	
ST349	20	
114341	20	
	Each	39.0000

113845

114341

113845

W/O: 58607		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
10/5/07	#110	Perm. Jany Qty # is wrong should be x1 per kit		10.05.28			S 10/5/07

Part No: DL12-630-032 PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

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May 12, 2010 10:30:09 AM

Page 2

Work Order ID: 58607

Parent Item: D412-630-032

Parent Item Name: Pilot/Co-Pilot Step, RH (Folding)


Start Date: 12/05/2010

Required Date: 18/05/2010

Comments: IPP REV. A 05.11.21 NEW ISSUE EC
IPP REV. B 05.12.19 updated pick list EC
IPP REV. C 07.11.12 ecn 1019, nochg EC verifiedby:DD

Start Qty: 4.00


Required Qty: 4.00

Component Item ID/	Replacement	Mfg/	Bin	Primary	Last	Route	Unit of	Qty on	Qty per Kit	Qty	Date	Status
AN310-7 <i>snr</i>		Purchased	No			110	Each	19.0000	1			
												
NUT												

Location Loc Qty Loc Code

ST324 19
111916 19
Each 529.0000 3

111916

Arch
8x4
AN3CSA 1 x3

Bolt

Purchased No

Location Loc Qty Loc Code

ST350 325
114330 125
114523 200
ST351 204
113121 53
114108 51
114181 100

Each 12.0000 1

1114181

Arch
8x4
AN44-C12 1 x1

eyebolt

Purchased No

Location Loc Qty Loc Code

ST356 12
111888 12

1111888

May 12, 2010 10:30:09 AM

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Page 2

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

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Parent Item: D412-630-032

Parent Item Name: Pilot/Co-Pilot Step, RH (Folding)

Start Date: 12/05/2010

Required Date: 18/05/2010

Comments: IPP REV. A 05.11.21 NEW ISSUE EC
IPP REV. B 05.12.19 updated pick list EC
IPP REV. C 07.11.12 ecn 1019, nochg EC verifiedby:DD

Start Qty: 4.00

Required Qty: 4.00

Component Item ID/	Replacement	Mfg/ Purchased	Bin	Primary	Last	Route	Unit of	Qty on	Qty per Kit	Qty	Date	Status
Pick AN4C14			No				Each	23.0000	1			
BOLT												
<div> <div>ST358</div> <div>110552</div> <div>113899</div> </div> <div> <div>Loc Qty</div> <div>23</div> <div>3</div> <div>20</div> </div> <div> <div>Loc Code</div> <div></div> <div></div> <div></div> </div>												
S+4 AN4C15		Purchased	No				Each	26.0000	1			
BOLT												
<div> <div>ST358</div> <div>113618</div> <div>113908</div> </div> <div> <div>Loc Qty</div> <div>26</div> <div>6</div> <div>20</div> </div> <div> <div>Loc Code</div> <div></div> <div></div> <div></div> </div>												
AN4CH3		Purchased	No				Each	19.0000	2			
SS Bolt												
<div> <div>ST355</div> <div>114065</div> </div> <div> <div>Loc Qty</div> <div>19</div> <div>19</div> </div> <div> <div>Loc Code</div> <div></div> <div></div> </div>												
S AN5C11		Purchased	No				Each	32.0000	1			
BOLT												
<div> <div>ST337</div> <div>111279</div> <div>113422</div> <div>113950</div> </div> <div> <div>Loc Qty</div> <div>32</div> <div>8</div> <div>12</div> <div>12</div> </div> <div> <div>Loc Code</div> <div></div> <div></div> <div></div> <div></div> </div>												

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

May 12, 2010 10:30:09 AM

Parent Item: D412-630-032

Parent Item Name: Pilot/Co-Pilot Step, RH (Folding)

Start Date: 12/05/2010

Required Date: 18/05/2010

Comments:	IPP REV. A	05.11.21	NEW ISSUE	EC	
	IPP REV. B	05.12.19	updated pick list	EC	
	IPP REV.C	07.11.12	ecn 1019, nochg	EC	verifiedby:DD

Start Qty: 4.00

Required Qty: 4.00

[illegible]

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

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Work Order ID: 58607

Parent Item: D412-630-032

Parent Item Name: Pilot/Co-Pilot Step, RH (Folding)


Start Date: 12/05/2010

Required Date: 18/05/2010

Comments: IPP REV. A 05.11.21 NEW ISSUE EC
IPP REV. B 05.12.19 updated pick list EC
IPP REV. C 07.11.12 ecn 1019, nochg EC verifiedby:DD

Start Qty: 4.00

Required Qty: 4.00

Component Item ID/ D3443-9	Replacement	Mfg/ Manufactured	Bin No	Primary	Last	Route	Unit of Each	Qty on 18.0000	Qty per Kit 2	Qty	Date	Status
										52552	24	
Pin												

Location Loc Qty Loc Code

ST056 18
56298 6
56561 12

Each 7.0000



1

56561 64

D3454-1

Bushing

Manufactured No

Location Loc Qty Loc Code

ST058 7
53745 7

Each 68.0000



2

53745

D3454-3

Bushing

Manufactured No

Location Loc Qty Loc Code

ST058 68
56420 68

Each 30.0000



2

56420

D3454-5

Bushing

Manufactured No

Location Loc Qty Loc Code

ST058 30
56046 30

56046

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W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

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Page 6

Work Order ID: 58607

Parent Item: D412-630-032

Parent Item Name: Pilot/Co-Pilot Step, RH (Folding)


Start Date: 12/05/2010

Required Date: 18/05/2010

Comments: IPP REV. A 05.11.21 NEW ISSUE EC
IPP REV. B 05.12.19 updated pick list EC
IPP REV. C 07.11.12 ecn 1019, nochg EC verifiedby:DD

Start Qty: 4.00

Required Qty: 4.00

Component Item ID/ D3454-7	Replacement	Mfg/ Manufactured	Bin No	Primary	Last	Route	Unit of Each	Qty on 20.0000	Qty per Kit 2	Qty	Date	Status
										58607 / 10		
Bushing												

Location Loc Qty Loc Code

ST058 20
55608 20

D3455-1	Manufactured	No					Each	51.0000	2			
												
Spacer												

Location Loc Qty Loc Code

ST058 51
55807 11
56525 40

D3455-1	Manufactured	No					Each	51.0000	2			
												
Spacer												

Location Loc Qty Loc Code

ST058 51
55807 11
56525 40

D3455-3	Manufactured	No					Each	27.0000	2			
												
Spacer												

Location Loc Qty Loc Code

ST058 27
56047 27

May 12, 2010 10:30:09 AM

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Dart Aerospace Ltd

W/O: 58607		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
10/5/07	#100 #100	Person. Change incorrect qty should be x4 per kit	<i>[Signature]</i>	10.05.08			S 10/05/07

Part No: D412-630-032 PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

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Work Order ID: 58607



Parent Item: D412-630-032



Parent Item Name: Pilot/Co-Pilot Step, RH (Folding)

Start Date: 12/05/2010

Required Date: 18/05/2010

Comments: IPP REV. A 05.11.21 NEW ISSUE EC
IPP REV. B 05.12.19 updated pick list EC
IPP REV. C 07.11.12 ecn 1019, nochg EC verifiedby:DD

Start Qty: 4.00

Required Qty: 4.00

Component Item ID/	Replacement	Mfg/	Bin	Primary	Last	Route	Unit of	Qty on	Qty per Kit	Qty	Date	Status
D3462-042		Manufactured	No			130	Each	1.0000	1			
Bracket Assembly												

Location Loc Qty Loc Code

ST198A 1
35860 1
Each 3.0000

B 58704

D3463-042		Manufactured	No				Each	3.0000	1			
Step Weldment Assembly												

Location Loc Qty Loc Code

ST494 3
55620 1
56602 2
Each 47.0000

550/05/27

55620 1p B58698 (3x)
~~56602 2p~~

D3465-1		Manufactured	No			130	Each	47.0000	1			
Washer												

Location Loc Qty Loc Code

ST059 47
46134 47
Each 3,673.000

46134

46134
46134 (y)

MS21043-3		Purchased	No			130	Each	3,673.000	3			
Nut												

Location Loc Qty Loc Code

FG 80
103691 80
ST301 3593
112314 3593

112

May 12, 2010 10:30:10 AM

Shop Packet Print

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W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
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NOTE: Date & initial all entries

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Page 8

Work Order ID: 58607

Parent Item: D412-630-032

Parent Item Name: Pilot/Co-Pilot Step, RH (Folding)





Start Date: 12/05/2010

Required Date: 18/05/2010

Comments: IPP REV. A 05.11.21 NEW ISSUE EC
IPP REV. B 05.12.19 updated pick list EC
IPP REV. C 07.11.12 ecn 1019, nochg EC verifiedby:DD

Start Qty: 4.00

Required Qty: 4.00

Component Item ID/ MS24665-227	Replacement	Mfg/ Purchased	Bin No	Primary	Last	Route	Unit of Each	Qty on 96.0000	Qty per Kit 1	Qty	Date	Status
 COTTER PIN												
<div> <div>Location</div> <div>ST309</div> <div>113845</div> </div> <div> <div>Loc Qty</div> <div>96</div> <div>96</div> </div> <div> <div>Loc Code</div> <div></div> <div></div> </div>												
MS24665-227 / 1  COTTER PIN	Purchased		No			132	Each	96.0000	1	113845		
<div> <div>Location</div> <div>ST309</div> <div>113845</div> </div> <div> <div>Loc Qty</div> <div>96</div> <div>96</div> </div> <div> <div>Loc Code</div> <div></div> <div></div> </div>												
MS24665-229 / 12  COTTER PIN	Purchased		No			132	Each	209.0000	2	113845		
<div> <div>Location</div> <div>ST309</div> <div>111041</div> </div> <div> <div>Loc Qty</div> <div>209</div> <div>209</div> </div> <div> <div>Loc Code</div> <div></div> <div></div> </div>												
MS24665-302  Cotter Pin	Purchased		No				Each	83.0000	1	113845		
<div> <div>Location</div> <div>ST309</div> <div>113644</div> </div> <div> <div>Loc Qty</div> <div>83</div> <div>83</div> </div> <div> <div>Loc Code</div> <div></div> <div></div> </div>												

May 12, 2010 10:30:10 AM

Shop Packet Print

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W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

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Work Order ID: 58607



Parent Item: D412-630-032



Parent Item Name: Pilot/Co-Pilot Step, RH (Folding)

Start Date: 12/05/2010

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Comments: IPP REV. A 05.11.21 NEW ISSUE EC
 IPP REV. B 05.12.19 updated pick list EC
 IPP REV.C 07.11.12 ecn 1019, nochg EC verifiedby:DD

Start Qty: 4.00

Required Qty: 4.00

Component Item ID/	Replacement	Mfg/	Bin	Primary	Last	Route	Unit of	Qty on	Qty per Kit	Qty	Date	Status
NAS1515H5		Purchased	No			30	Each	261.0000	1			



Washer

Location

Loc Qty

Loc Code

FG	44	
103286	17	
103691	27	
ST277	217	
109430	217	



PD 10/5/27 9

87

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

58607

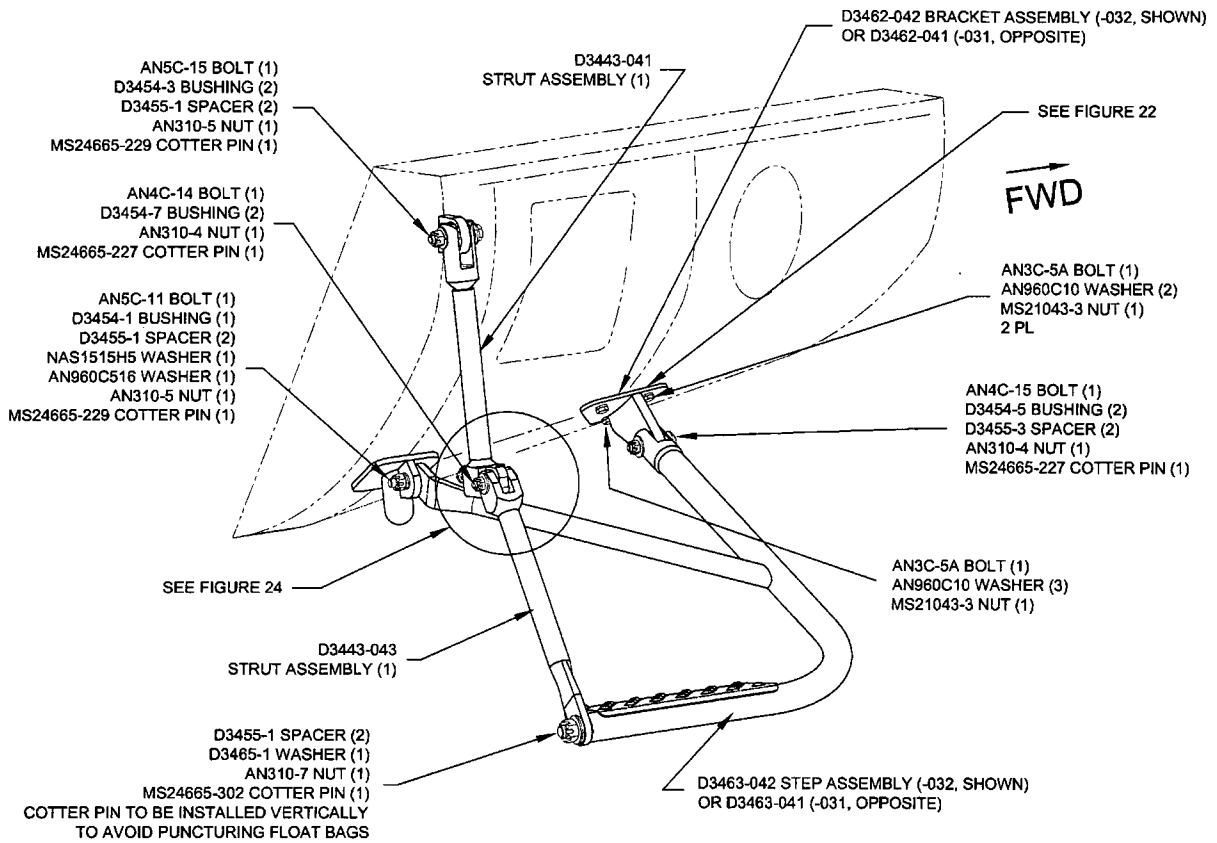


FIGURE 23 – Isometric View D412-630-032 RH, Pilot/Co-Pilot Folding-Step Installation (Shown)
D412-630-031 LH (Opposite)

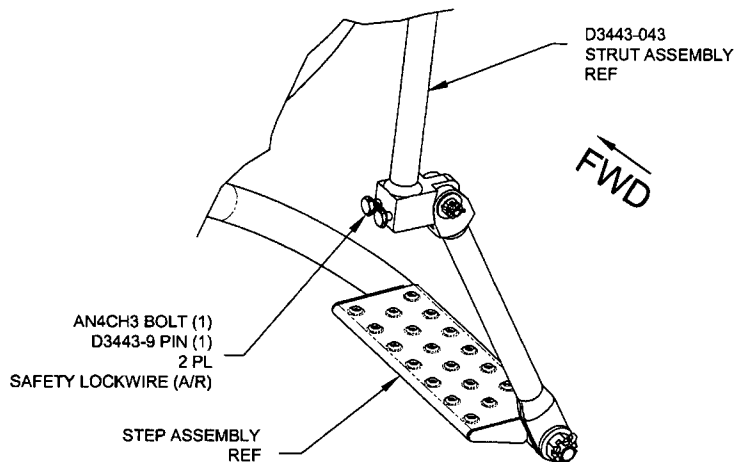


FIGURE 24 – Detail Safety Wiring, D412-630-032 RH, Pilot/Co-Pilot Folding-Step Installation (Shown)
D412-630-031 LH (Opposite)

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Revision: M
Date: 08.12.12

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Qty -031	Qty -032	Part Number	Description
X		D412-630-031	PILOT/CO-PILOT STEP, LH (FOLDING)
	X	D412-630-032	PILOT/CO-PILOT STEP, RH (FOLDING)
1	1	D3443-041	STRUT ASSEMBLY
1	1	D3443-043	STRUT ASSEMBLY
2	2	D3443-9	PIN
1	1	D3454-1	BUSHING
2	2	D3454-3	BUSHING
2	2	D3454-5	BUSHING
2	2	D3454-7	BUSHING
6	6	D3455-1	SPACER -2
2	2	D3455-3	SPACER
1		D3462-041	BRACKET ASSEMBLY
	1	D3462-042	BRACKET ASSEMBLY
4	1	D3463-041	STEP ASSEMBLY
1	1	D3463-042	STEP ASSEMBLY
1	1	D3465-1	WASHER
2	2	AN310-4	NUT - /
2	2	AN310-5	NUT
1	1	AN310-7	NUT
3	3	AN3C-5A	BOLT
1	1	AN44-C12	* EYEBOLT
1	1	AN4C14	BOLT
1	1	AN4C15	BOLT
2	2	AN4CH3	BOLT
1	1	AN5C11	BOLT
1	1	AN5C15	BOLT
7	7	AN960C10	WASHER
1	1	AN960C516	WASHER
3	3	MS21043-3	NUT
2	2	MS24665-227	COTTER PIN - /
2	2	MS24665-229	COTTER PIN
1	1	MS24665-302	COTTER PIN
1	1	NAS1515H5	WASHER

* USE AN44-C12 EYEBOLT WHEN D412-630-031/-032 IS INSTALLED IN CONJUNCTION WITH D412-630-023/-024/-033/-034™ HELI-ACCESS-STEP

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

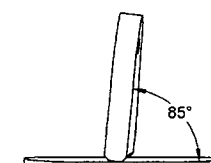
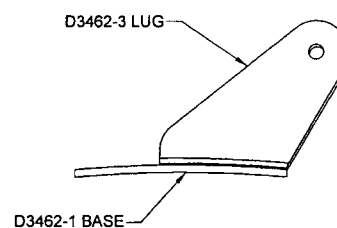
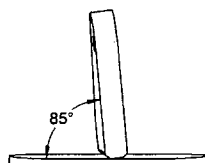
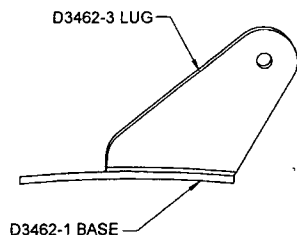
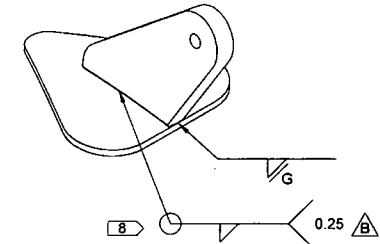
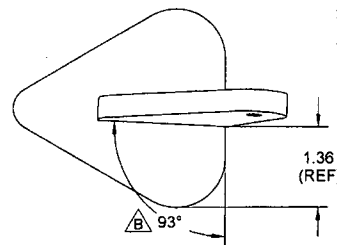
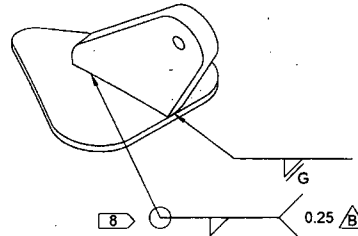
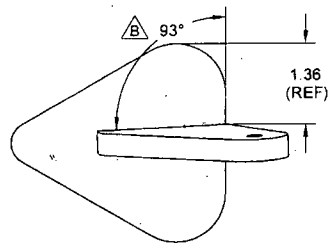
Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

REFERENCE ONLY



D3462-041 BRACKET ASSEMBLY

D3462-042 BRACKET ASSEMBLY

QTY -041	QTY -042	P/N	DESCRIPTION
X		D3462-041	BRACKET ASSEMBLY
	X	D3462-042	BRACKET ASSEMBLY
1	1	D3462-1	BASE
1	1	D3462-3	LUG

- NOTES:
- 1) MATERIAL: N/A
 - 2) FINISH: POWDER COAT WHITE (4.3.5.2) PER DART QSI 005 4.3
 - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
 - 6) IDENTIFICATION: IDENTIFY WITH DART P/N "D3462-041" OR "D3462-042" USING FINE POINT PERMANENT INK MARKER
 - 7) WEIGHT: 0.75 lbs (TYP)
 - 8) WELDING: PER DART QSI 004

RELEASED
08/07/07

C	SHOW VIEWS OF D3462-041 & D3462-042, UPDATE DWG REASON: PRODUCTION FACILITY	DC	07.10.24
B	REVISE DIMENSIONS	RF	05.12.05
A	NEW ISSUE	RF	05.09.20
REV.	DESCRIPTION	BY	DATE
DESIGN			
DRAWN	V.P. DC.		
CHECKED			
MFG. APPR.			
APPROVED			
DE APPR.			
DATE	07.10.24		

DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWING NO. D3462	REV. C SHEET 1 OF 2
TITLE BRACKET ASSEMBLY	SCALE 1:2
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W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries